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Professor Wofsy holds a Bachelor of Science in Chemistry from the University of Chicago (1966) and a PhD in Chemistry from Harvard University (1971). He has made measurements of CO₂ concentrations in the atmosphere using instruments on aircraft and towers, extending from Amazônia to northern Canada and across the United States. In 1989, his group started the first continuous measurements of the carbon fluxes between the atmosphere and a forest in central Massachusetts, and these observations continue to the present day. His current work is focused on using data for CO₂ observations to determine the carbon budgets for important regions of North and South America.